

# Double-crested cormorant management plan

## 2015 Project Milestones and Culling Summary

### Milestones

- February 6, 2015: Final EIS published
- March 19, 2015: Record of Decision signed by Brig. Gen John Kem, Commander, Northwestern Division, U.S. Army Corps of Engineers
- Corps selects FEIS alternative C-1 as its management plan
- March 2015: Corps applied for a depredation permit from U.S. Fish and Wildlife Service
- April 13, 2015: Corps receives one-year depredation permit for Double-crested cormorant culling and egg oiling from the U.S. Fish and Wildlife Service
- May 2015: Culling begins
- October 2015: Culling ceases

### Culling Summary

This was the first year of culling in an effort to reduce the Double-crested cormorant population to about 5,600 breeding pairs by 2018. Portland District completed 2015 culling activities of Double-crested cormorants in 2015 at the end of breeding season when the birds migrate to winter destinations away from East Sand Island.

**Individual adult Double-crested cormorants culled in 2015: 2,346**

**Nests oiled in 2015: 5,089**

#### Oct. 29, 2015

##### Actions near East Sand Island:

Individual adult Double-crested cormorants culled for the reporting period Oct. 23-Oct. 29, 2015: 54

Individual adult Brandt's cormorants taken for the reporting period Oct. 23-Oct. 29, 2015: 0

Total to date: 2,346

Nests oiled for the reporting period Oct. 23-Oct. 29, 2015: 0

Total to date: 5,089

#### Oct. 22, 2015

##### Actions near East Sand Island:

Individual adult Double-crested cormorants culled for the reporting period Oct. 16-Oct. 22, 2015: 108

Individual adult Brandt's cormorants taken for the reporting period Oct. 16-Oct. 22, 2015: 0

Total to date: 2,292

Nests oiled for the reporting period Oct. 16-Oct. 22, 2015: 0

Total to date: 5,089

#### Oct. 15, 2015

##### Actions near East Sand Island:

Individual adult Double-crested cormorants culled for the reporting period Oct. 8-Oct. 15, 2015: 243

Individual adult Brandt's cormorants taken for the reporting period Oct. 8-Oct. 15, 2015: 0

Total to date: 2,184

Nests oiled for the reporting period Oct. 8-Oct. 15, 2015: 0

Total to date: 5,089

#### Oct. 7, 2015

##### Actions near East Sand Island:

Individual adult Double-crested cormorants culled for the reporting period Oct. 1-Oct. 7, 2015: 234

Individual adult Brandt's cormorants taken for the reporting period Oct. 1-Oct. 7, 2015: 0

Total to date: 1,941

Nests oiled for the reporting period Oct. 1-Oct. 7, 2015: 0  
Total to date: 5,089

**Oct. 1, 2015**

**Actions near East Sand Island:**

Individual adult Double-crested cormorants culled for the reporting period Sept. 24-Sept. 30, 2015: 486  
Individual adult Brandt's cormorants taken for the reporting period Sept. 24-Sept. 30, 2015: 1  
Total to date: 1,707  
Nests oiled for the reporting period Sept. 24-Sept. 30, 2015: 0  
Total to date: 5,089

**Sept. 24, 2015**

**Actions near East Sand Island:**

Individual adult Double-crested cormorants culled for the reporting period Sept. 17-Sept. 23, 2015: 358  
Individual adult Brandt's cormorants taken for the reporting period Sept. 17-Sept. 23, 2015: 0  
Total to date: 1,221  
Nests oiled for the reporting period Sept. 17-Sept. 23, 2015: 0  
Total to date: 5,089

**Sept. 17, 2015**

**Actions near East Sand Island:**

Individual adult Double-crested cormorants culled for the reporting period Sept. 10-Sept. 16, 2015: 505  
Individual adult Brandt's cormorants taken for the reporting period Sept. 10-Sept. 16, 2015: 5  
Total to date: 863  
Nests oiled for the reporting period Sept. 10-Sept. 16, 2015: 0  
Total to date: 5,089

**Sept. 10, 2015**

**Actions near East Sand Island:**

Individual adults culled for the reporting period Sept. 4-Sept. 9, 2015: 200  
Total to date: 358  
Nests oiled for the reporting period Sept. 4-Sept. 9, 2015: 0  
Total to date: 5,089

**Sept. 3, 2015**

**Actions on East Sand Island:**

Individual adults culled for the reporting period Aug. 28-Sept. 3, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period Aug. 28-Sept. 3, 2015: 0  
Total to date: 5,089

**Aug. 27, 2015**

**Actions on East Sand Island:**

Individual adults culled for the reporting period Aug. 21-Aug. 27, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period Aug. 21-Aug. 27, 2015: 0  
Total to date: 5,089

**Aug. 20, 2015**

**Actions on East Sand Island:**

Individual adults culled for the reporting period Aug. 14-Aug. 20, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period Aug. 14-Aug. 20, 2015: 0  
Total to date: 5,089

**Aug. 13, 2015**

**Actions on East Sand Island:**

Individual adults culled for the reporting period Aug. 7-Aug. 13, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period Aug. 7-Aug. 13, 2015: 0  
Total to date: 5,089

**Aug. 6, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period July 31-Aug. 6, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period July 31-Aug. 6, 2015: 0  
Total to date: 5,089

**July 30, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period July 24-July 30, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period July 24-July 30, 2015: 0  
Total to date: 5,089

**July 23, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period July 17-July 23, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period July 17-July 23, 2015: 0  
Total to date: 5,089

**July 16, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period July 10-July 16, 2015: 0  
Total to date: 158  
Nests oiled for the reporting period July 10-July 16, 2015: 0  
Total to date: 5,089

**July 9, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period July 3-July 9, 2015: 33  
Total to date: 158  
Nests oiled for the reporting period July 3-July 9, 2015: 0  
Total to date: 5,089

**July 2, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period June 26-July 2, 2015: 0  
Total to date: 125  
Nests oiled for the reporting period June 26-July 2, 2015: 3,320  
Total to date: 5,089

**June 25, 2015****Actions on East Sand Island:**

Individual adults culled for the reporting period June 19-June 25, 2015: 0  
Total to date: 125  
Nests oiled for the reporting period June 19-June 25, 2015: 0  
Total to date: 1,769

**June 18, 2015**

Actions on East Sand Island:

Individual adults culled for the reporting period June 12-June 18, 2015: 0

Total to date: 125

Nests oiled for the reporting period June 12-June 18, 2015: 0

Total to date: 1,769

#### **June 11, 2015**

Actions on East Sand Island:

Individual adults culled for the reporting period June 5-June 11, 2015: 0

Total to date: 125

Nests oiled for the reporting period June 5-June 11, 2015: 0

Total to date: 1,769

#### **June 4, 2015**

Actions on East Sand Island:

Individual adults culled for the reporting period May 29 - June 4, 2015: 16

Total to date: 125

Nests oiled for the reporting period May 29 - June 4, 2015: 0

Total to date: 1,769

#### **May 28, 2015**

Actions on East Sand Island:

Individual adults culled for the reporting period May 22 - May 29, 2015: 109

Total to date: 109

Nests oiled for the reporting period May 22 - May 29, 2015: 1,769

Total to date: 1,769

Note: Per the Final Environmental Impact Statement's chapter 5, the Corps is currently avoiding management zones that contain nests with provisioning chicks (where adults are tending/providing for chicks) and continues to monitor for appropriate culling opportunities, given the habits and patterns of the population.